



MEMORANDUM

Pima County Department of Environmental Quality

DATE: 4/18/2011

TO: Richard Oros
Director of Plant Operations

FROM: Beth Gorman
Program Manager

RE: Pima County DEQ Beryllium Monitoring Report January 2011

Attached is the Pima County Department of Environmental Quality's (PDEQ) Air Monitoring Division Beryllium Monitoring Network Beryllium analysis report for January 2011.

Highlights:

- 36 samples collected resulting in 31 valid and 5 invalid samples (88.6% data recovery). EPA requires monitoring data recovery at 75%.
- No beryllium values were detected over the Practical Quantitation Level (PQL).
- The PQL was updated from 0.265 to 0.225 to reflect the lowest standard used in the analysis.
- PDEQ and SUSD staff are continuing to employ stringent monitoring protocols to ensure quality data is being collected properly to better protect public health.

Attachment

Cc: Ursula Kramer, Pima County Department of Environmental Quality Director
Richard Grimaldi, Pima County Department of Environmental Deputy Director

Pima County Regional Wastewater Reclamation Department
 Compliance and Regulatory Affairs Office
 7101 N. Casa Grande Highway

Sample Location	Sample ID	Parameter	Sample Date	Analysis Method	Analysis Date		Final Value	Units	PQL	Data Qualifier(s)
Transportation Bldg.	2011030235	Beryllium	1/1/2011	IO-3.4	3/8/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #1	2011030236	Beryllium	1/3/2011	IO-3.4	3/8/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #2	2011030237	Beryllium	1/3/2011	IO-3.4	3/8/2011	<	0.225	ng/m ³	<0.225	
Los Amigos	2011030238	Beryllium	1/4/2011	IO-3.4	3/8/2011	<	0.225	ng/m ³	<0.225	
Los Ninos	2011030239	Beryllium	1/5/2011	IO-3.4	3/8/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011030240	Beryllium	1/6/2011	IO-3.4	3/8/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011030241	Beryllium	1/7/2011	IO-3.4	3/8/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011030242	Beryllium	1/8/2011	IO-3.4	3/8/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #1	2011030243	Beryllium	1/9/2011	IO-3.4	3/8/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #2	2011030244	Beryllium	1/9/2011	IO-3.4	3/8/2011	<	0.225	ng/m ³	<0.225	
Los Amigos	2011030245	Beryllium	1/10/2011	IO-3.4	3/8/2011	<	0.225	ng/m ³	<0.225	
Los Ninos	2011030246	Beryllium	1/11/2011	IO-3.4	3/8/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011030247	Beryllium	1/12/2011	IO-3.4	3/8/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011030248	Beryllium	1/13/2011	IO-3.4	3/8/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011030249	Beryllium	1/14/2011	IO-3.4	3/8/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #1	2011030250	Beryllium	1/15/2011	IO-3.4	3/8/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #2	2011030251	Beryllium	1/15/2011	IO-3.4	3/8/2011	<	0.225	ng/m ³	<0.225	
Los Amigos	2011030252	Beryllium	1/16/2011	IO-3.4	3/8/2011	<	0.225	ng/m ³	<0.225	
Los Ninos	2011030253	Beryllium	1/17/2011	IO-3.4	3/8/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011030254	Beryllium	1/18/2011	IO-3.4	3/9/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011030255	Beryllium	1/19/2011	IO-3.4	3/9/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #1	2011030256	Beryllium	1/21/2011	IO-3.4	3/9/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #2	2011030257	Beryllium	1/21/2011	IO-3.4	3/9/2011	<	0.225	ng/m ³	<0.225	
Los Amigos	2011030258	Beryllium	1/22/2011	IO-3.4	3/9/2011	<	0.225	ng/m ³	<0.225	
Los Ninos	2011030259	Beryllium	1/23/2011	IO-3.4	3/9/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011030260	Beryllium	1/24/2011	IO-3.4	3/9/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011030261	Beryllium	1/25/2011	IO-3.4	3/9/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #1	2011030262	Beryllium	1/27/2011	IO-3.4	3/9/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #2	2011030263	Beryllium	1/27/2011	IO-3.4	3/9/2011	<	0.225	ng/m ³	<0.225	
Los Amigos	2011030264	Beryllium	1/28/2011	IO-3.4	3/9/2011	<	0.225	ng/m ³	<0.225	
Los Ninos	2011030265	Beryllium	1/29/2011	IO-3.4	3/9/2011	<	0.225	ng/m ³	<0.225	



MEMORANDUM

Pima County Department of Environmental Quality

DATE: 4/18/2011

TO: Richard Oros
Director of Plant Operations

FROM: Beth Gorman
Program Manager

RE: Pima County DEQ Beryllium Monitoring Report February 2011

Attached is the Pima County Department of Environmental Quality's (PDEQ) Air Monitoring Division Beryllium Monitoring Network Beryllium analysis report for February 2011.

Highlights:

- 33 samples collected resulting in 27 valid and 6 invalid samples (81.8% data recovery). EPA requires monitoring data recovery at 75%.
- No beryllium values were detected over the Practical Quantitation Level (PQL).
- The PQL was updated from 0.265 to 0.225 to reflect the lowest standard used in the analysis.
- PDEQ and SUSD staff are continuing to employ stringent monitoring protocols to ensure quality data is being collected properly to better protect public health.

Attachment

Cc: Ursula Kramer, Pima County Department of Environmental Quality Director
Richard Grimaldi, Pima County Department of Environmental Deputy Director

Pima County Regional Wastewater Reclamation Department
 Compliance and Regulatory Affairs Office
 7101 N. Casa Grande Highway

Sample Location	Sample ID	Parameter	Sample Date	Analysis Method	Analysis Date		Final Value	Units	PQL	Data Qualifier(s)
Sunnyside H.S.	2011040053	Beryllium	2/1/2011	IO-3.4	4/6/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #1	2011040054	Beryllium	2/2/2011	IO-3.4	4/6/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #2	2011040055	Beryllium	2/2/2011	IO-3.4	4/6/2011	<	0.225	ng/m ³	<0.225	
Los Amigos	2011040056	Beryllium	2/3/2011	IO-3.4	4/6/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #1	2011040057	Beryllium	2/8/2011	IO-3.4	4/6/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #2	2011040058	Beryllium	2/8/2011	IO-3.4	4/6/2011	<	0.225	ng/m ³	<0.225	
Los Amigos	2011040059	Beryllium	2/9/2011	IO-3.4	4/6/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011040060	Beryllium	2/11/2011	IO-3.4	4/6/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011040061	Beryllium	2/12/2011	IO-3.4	4/6/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011040062	Beryllium	2/13/2011	IO-3.4	4/6/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #1	2011040063	Beryllium	2/14/2011	IO-3.4	4/6/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #2	2011040064	Beryllium	2/14/2011	IO-3.4	4/6/2011	<	0.225	ng/m ³	<0.225	
Los Amigos	2011040065	Beryllium	2/15/2011	IO-3.4	4/6/2011	<	0.225	ng/m ³	<0.225	
Los Ninos	2011040066	Beryllium	2/16/2011	IO-3.4	4/6/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011040067	Beryllium	2/17/2011	IO-3.4	4/6/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011040068	Beryllium	2/18/2011	IO-3.4	4/6/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011040069	Beryllium	2/19/2011	IO-3.4	4/6/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #1	2011040070	Beryllium	2/20/2011	IO-3.4	4/6/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #2	2011040071	Beryllium	2/20/2011	IO-3.4	4/7/2011	<	0.225	ng/m ³	<0.225	
Los Amigos	2011040072	Beryllium	2/21/2011	IO-3.4	4/7/2011	<	0.225	ng/m ³	<0.225	
Los Ninos	2011040073	Beryllium	2/22/2011	IO-3.4	4/7/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011040074	Beryllium	2/24/2011	IO-3.4	4/7/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011040075	Beryllium	2/25/2011	IO-3.4	4/7/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #1	2011040076	Beryllium	2/26/2011	IO-3.4	4/7/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #2	2011040077	Beryllium	2/26/2011	IO-3.4	4/7/2011	<	0.225	ng/m ³	<0.225	
Los Amigos	2011040078	Beryllium	2/27/2011	IO-3.4	4/7/2011	<	0.225	ng/m ³	<0.225	
Los Ninos	2011040079	Beryllium	2/28/2011	IO-3.4	4/7/2011	<	0.225	ng/m ³	<0.225	



MEMORANDUM

Pima County Department of Environmental Quality

DATE: 5/25/2011

TO: Richard Oros
Director of Plant Operations

FROM: Beth Gorman
Program Manager

RE: Pima County DEQ Beryllium Monitoring Report March 2011

Attached is the Pima County Department of Environmental Quality's (PDEQ) Air Monitoring Division Beryllium Monitoring Network Beryllium analysis report for March 2011.

Highlights:

- 36 samples collected resulting in 34 valid and 2 invalid samples (94.4% data recovery). EPA requires monitoring data recovery at 75%.
- No beryllium values were detected over the Practical Quantitation Level (PQL).
- The PQL was updated from 0.265 to 0.225 to reflect the lowest standard used in the analysis.
- PDEQ and SUSD staff are continuing to employ stringent monitoring protocols to ensure quality data is being collected properly to better protect public health.

Attachment

Cc: Ursula Kramer, Pima County Department of Environmental Quality Director
Richard Grimaldi, Pima County Department of Environmental Deputy Director

Pima County Regional Wastewater Reclamation Department
 Compliance and Regulatory Affairs Office
 7101 N. Casa Grande Highway

Sample Location	Sample ID	Parameter	Sample Date	Analysis Method	Analysis Date		Final Value	Units	PQL	Data Qualifier(s)
Transportation Bldg.	2011041383	Beryllium	3/2/2011	IO-3.4	4/27/2011	<	0.225	ng/m ³	<0.225	
Sunnysider H.S.	2011041384	Beryllium	3/3/2011	IO-3.4	4/27/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #1	2011041385	Beryllium	3/4/2011	IO-3.4	4/27/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #2	2011041386	Beryllium	3/4/2011	IO-3.4	4/27/2011	<	0.225	ng/m ³	<0.225	
Los Amigos	2011041387	Beryllium	3/5/2011	IO-3.4	4/27/2011	<	0.225	ng/m ³	<0.225	
Los Ninos	2011041388	Beryllium	3/6/2011	IO-3.4	4/27/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011041389	Beryllium	3/7/2011	IO-3.4	4/27/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011041390	Beryllium	3/8/2011	IO-3.4	4/27/2011	<	0.225	ng/m ³	<0.225	
Sunnysider H.S.	2011041391	Beryllium	3/9/2011	IO-3.4	4/27/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #1	2011041392	Beryllium	3/10/2011	IO-3.4	4/27/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #2	2011041393	Beryllium	3/10/2011	IO-3.4	4/27/2011	<	0.225	ng/m ³	<0.225	
Los Amigos	2011041394	Beryllium	3/11/2011	IO-3.4	4/27/2011	<	0.225	ng/m ³	<0.225	
Los Ninos	2011041395	Beryllium	3/12/2011	IO-3.4	4/27/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011041396	Beryllium	3/13/2011	IO-3.4	4/27/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011041397	Beryllium	3/14/2011	IO-3.4	4/27/2011	<	0.225	ng/m ³	<0.225	
Sunnysider H.S.	2011041398	Beryllium	3/15/2011	IO-3.4	4/27/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #1	2011041399	Beryllium	3/16/2011	IO-3.4	4/27/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #2	2011041400	Beryllium	3/16/2011	IO-3.4	4/27/2011	<	0.225	ng/m ³	<0.225	
Los Amigos	2011041401	Beryllium	3/17/2011	IO-3.4	4/27/2011	<	0.225	ng/m ³	<0.225	
Los Ninos	2011041402	Beryllium	3/18/2011	IO-3.4	4/28/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011041403	Beryllium	3/19/2011	IO-3.4	4/28/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011041404	Beryllium	3/20/2011	IO-3.4	4/28/2011	<	0.225	ng/m ³	<0.225	
Sunnysider H.S.	2011041405	Beryllium	3/21/2011	IO-3.4	4/28/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #1	2011041406	Beryllium	3/22/2011	IO-3.4	4/28/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #2	2011041407	Beryllium	3/22/2011	IO-3.4	4/28/2011	<	0.225	ng/m ³	<0.225	
Los Amigos	2011041408	Beryllium	3/23/2011	IO-3.4	4/28/2011	<	0.225	ng/m ³	<0.225	
Los Ninos	2011041409	Beryllium	3/24/2011	IO-3.4	4/28/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011041410	Beryllium	3/25/2011	IO-3.4	4/28/2011	<	0.225	ng/m ³	<0.225	
Sunnysider H.S.	2011041411	Beryllium	3/27/2011	IO-3.4	4/28/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #1	2011041412	Beryllium	3/28/2011	IO-3.4	4/28/2011	<	0.225	ng/m ³	<0.225	
Ocotillo #2	2011041413	Beryllium	3/28/2011	IO-3.4	4/28/2011	<	0.225	ng/m ³	<0.225	
Los Amigos	2011041414	Beryllium	3/29/2011	IO-3.4	4/28/2011	<	0.225	ng/m ³	<0.225	
Los Ninos	2011041415	Beryllium	3/30/2011	IO-3.4	4/28/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011041416	Beryllium	3/31/2011	IO-3.4	4/28/2011	<	0.225	ng/m ³	<0.225	



MEMORANDUM

Pima County Department of Environmental Quality

DATE: 6/22/2011

TO: Richard Oros
Director of Plant Operations

FROM: Beth Gorman
Program Manager

RE: Pima County DEQ Beryllium Monitoring Report April 2011

Attached is the Pima County Department of Environmental Quality's (PDEQ) Air Monitoring Division Beryllium Monitoring Network Beryllium analysis report for April 2011.

Highlights:

- 35 samples collected resulting in 35 valid and 0 invalid samples (100 % data recovery). EPA requires monitoring data recovery at 75%.
- No beryllium values were detected over the Practical Quantitation Level (PQL).
- The PQL was updated from 0.265 to 0.225 to reflect the lowest standard used in the analysis.
- PDEQ and SUSD staff are continuing to employ stringent monitoring protocols to ensure quality data is being collected properly to better protect public health.

Attachment

Cc: Ursula Kramer, Pima County Department of Environmental Quality Director
Richard Grimaldi, Pima County Department of Environmental Deputy Director

Pima County Regional Wastewater Reclamation Department
 Compliance and Regulatory Affairs Office
 7101 N. Casa Grande Highway

Sample Location	Sample ID	Parameter	Sample Date	Analysis Method	Analysis Date		Final Value	Units	PQL	Data Qualifier(s)
Transportation Bldg.	2011051203	Beryllium	4/1/2011	IO-3.4	5/25/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011051204	Beryllium	4/2/2011	IO-3.4	5/25/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011051205	Beryllium	4/3/2011	IO-3.4	5/25/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011051206	Beryllium	4/3/2011	IO-3.4	5/25/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011051207	Beryllium	4/4/2011	IO-3.4	5/25/2011	<	0.225	ng/m ³	<0.225	
Los Niños Elementary	2011051208	Beryllium	4/5/2011	IO-3.4	5/25/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011051209	Beryllium	4/6/2011	IO-3.4	5/25/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011051210	Beryllium	4/7/2011	IO-3.4	5/25/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011051211	Beryllium	4/8/2011	IO-3.4	5/25/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011051212	Beryllium	4/9/2011	IO-3.4	5/25/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011051213	Beryllium	4/9/2011	IO-3.4	5/25/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011051214	Beryllium	4/10/2011	IO-3.4	5/25/2011	<	0.225	ng/m ³	<0.225	
Los Niños Elementary	2011051215	Beryllium	4/11/2011	IO-3.4	5/25/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011051216	Beryllium	4/12/2011	IO-3.4	5/25/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011051217	Beryllium	4/13/2011	IO-3.4	5/25/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011051218	Beryllium	4/14/2011	IO-3.4	5/25/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011051219	Beryllium	4/15/2011	IO-3.4	5/25/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011051220	Beryllium	4/15/2011	IO-3.4	5/25/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011051221	Beryllium	4/16/2011	IO-3.4	5/25/2011	<	0.225	ng/m ³	<0.225	
Los Niños Elementary	2011051222	Beryllium	4/17/2011	IO-3.4	5/26/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011051223	Beryllium	4/18/2011	IO-3.4	5/26/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011051224	Beryllium	4/19/2011	IO-3.4	5/26/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011051225	Beryllium	4/20/2011	IO-3.4	5/26/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011051226	Beryllium	4/21/2011	IO-3.4	5/26/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011051227	Beryllium	4/21/2011	IO-3.4	5/26/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011051228	Beryllium	4/22/2011	IO-3.4	5/26/2011	<	0.225	ng/m ³	<0.225	
Los Niños Elementary	2011051229	Beryllium	4/23/2011	IO-3.4	5/26/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011051230	Beryllium	4/24/2011	IO-3.4	5/26/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011051231	Beryllium	4/25/2011	IO-3.4	5/26/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011051232	Beryllium	4/26/2011	IO-3.4	5/26/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011051233	Beryllium	4/27/2011	IO-3.4	5/26/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011051234	Beryllium	4/27/2011	IO-3.4	5/26/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011051235	Beryllium	4/28/2011	IO-3.4	5/26/2011	<	0.225	ng/m ³	<0.225	
Los Niños Elementary	2011051236	Beryllium	4/29/2011	IO-3.4	5/26/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011051237	Beryllium	4/30/2011	IO-3.4	5/26/2011	<	0.225	ng/m ³	<0.225	



MEMORANDUM

Pima County Department of Environmental Quality

DATE: 7/21/2011

TO: Alex Gallego
Executive Director of Facilities

FROM: Beth Gorman
Program Manager

RE: Pima County DEQ Beryllium Monitoring Report May 2011

Attached is the Pima County Department of Environmental Quality's (PDEQ) Air Monitoring Division Beryllium Monitoring Network Beryllium analysis report for May 2011.

Highlights:

- 36 samples collected resulting in 35 valid and 1 invalid samples (97.3% data recovery). EPA requires monitoring data recovery at 75%.
- No beryllium values were detected over the Practical Quantitation Level (PQL).
- The PQL was updated from 0.265 to 0.225 to reflect the lowest standard used in the analysis.
- PDEQ and SUSD staff are continuing to employ stringent monitoring protocols to ensure quality data is being collected properly to better protect public health.

Attachment

Cc: Ursula Kramer, Pima County Department of Environmental Quality Director
Richard Grimaldi, Pima County Department of Environmental Deputy Director

Pima County Regional Wastewater Reclamation Department
Compliance and Regulatory Affairs Office
7101 N. Casa Grande Highway

Sample Location	Sample ID	Parameter	Sample Date	Analysis Method	Analysis Date		Final Value	Units	PQL	Data Qualifier(s)
Transportation Bldg.	2011061457	Beryllium	5/1/2011	IO-3.4	6/29/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011061458	Beryllium	5/2/2011	IO-3.4	6/29/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011061459	Beryllium	5/3/2011	IO-3.4	6/29/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011061460	Beryllium	5/3/2011	IO-3.4	6/29/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011061461	Beryllium	5/4/2011	IO-3.4	6/29/2011	<	0.225	ng/m ³	<0.225	
Los Niños Elementary	2011061462	Beryllium	5/5/2011	IO-3.4	6/29/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011061463	Beryllium	5/6/2011	IO-3.4	6/29/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011061464	Beryllium	5/7/2011	IO-3.4	6/29/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011061465	Beryllium	5/8/2011	IO-3.4	6/29/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011061466	Beryllium	5/9/2011	IO-3.4	6/29/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011061447	Beryllium	5/9/2011	IO-3.4	6/28/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011061448	Beryllium	5/10/2011	IO-3.4	6/28/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011061449	Beryllium	5/12/2011	IO-3.4	6/28/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011061450	Beryllium	5/13/2011	IO-3.4	6/28/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011061451	Beryllium	5/14/2011	IO-3.4	6/28/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011061452	Beryllium	5/15/2011	IO-3.4	6/28/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011061453	Beryllium	5/15/2011	IO-3.4	6/28/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011061454	Beryllium	5/16/2011	IO-3.4	6/28/2011	<	0.225	ng/m ³	<0.225	
Los Niños Elementary	2011061455	Beryllium	5/17/2011	IO-3.4	6/28/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011061456	Beryllium	5/18/2011	IO-3.4	6/29/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011061437	Beryllium	5/19/2011	IO-3.4	6/28/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011061438	Beryllium	5/20/2011	IO-3.4	6/28/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011061439	Beryllium	5/21/2011	IO-3.4	6/28/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011061440	Beryllium	5/21/2011	IO-3.4	6/28/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011061441	Beryllium	5/22/2011	IO-3.4	6/28/2011	<	0.225	ng/m ³	<0.225	
Los Niños Elementary	2011061442	Beryllium	5/23/2011	IO-3.4	6/28/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011061443	Beryllium	5/24/2011	IO-3.4	6/28/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011061444	Beryllium	5/25/2011	IO-3.4	6/28/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011061445	Beryllium	5/26/2011	IO-3.4	6/28/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011061446	Beryllium	5/27/2011	IO-3.4	6/28/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011061467	Beryllium	5/27/2011	IO-3.4	6/28/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011061468	Beryllium	5/28/2011	IO-3.4	6/29/2011	<	0.225	ng/m ³	<0.225	
Los Niños Elementary	2011061469	Beryllium	5/29/2011	IO-3.4	6/29/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011061470	Beryllium	5/30/2011	IO-3.4	6/29/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011061471	Beryllium	5/31/2011	IO-3.4	6/29/2011	<	0.225	ng/m ³	<0.225	



MEMORANDUM

Pima County Department of Environmental Quality

DATE: 8/15/2011

TO: Alex Gallego
Executive Director of Facilities

FROM: Beth Gorman
Program Manager

RE: Pima County DEQ Beryllium Monitoring Report June 2011

Attached is the Pima County Department of Environmental Quality's (PDEQ) Air Monitoring Division Beryllium Monitoring Network Beryllium analysis report for June 2011.

Highlights:

- 35 samples collected resulting in 31 valid and 4 invalid samples (88.6% data recovery). EPA requires monitoring data recovery at 75%.
- No beryllium values were detected over the Practical Quantitation Level (PQL).
- The PQL was updated from 0.265 to 0.225 to reflect the lowest standard used in the analysis.
- PDEQ and SUSD staff are continuing to employ stringent monitoring protocols to ensure quality data is being collected properly to better protect public health.

Attachment

Cc: Ursula Kramer, Pima County Department of Environmental Quality Director
Richard Grimaldi, Pima County Department of Environmental Deputy Director

Pima County Regional Wastewater Reclamation Department
 Compliance and Regulatory Affairs Office
 7101 N. Casa Grande Highway

Sample Location	Sample ID	Parameter	Sample Date	Analysis Method	Analysis Date		Final Value	Units	PQL	Data Qualifier(s)
Sunnyside H.S.	2011071324	Beryllium	6/1/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011071325	Beryllium	6/2/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011071326	Beryllium	6/2/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011071327	Beryllium	6/3/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Los Niños Elementary	2011071328	Beryllium	6/4/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011071329	Beryllium	6/5/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011071330	Beryllium	6/6/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011071331	Beryllium	6/7/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011071332	Beryllium	6/8/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011071333	Beryllium	6/8/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011071334	Beryllium	6/9/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Los Niños Elementary	2011071335	Beryllium	6/10/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011071336	Beryllium	6/11/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011071337	Beryllium	6/12/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011071338	Beryllium	6/13/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011071339	Beryllium	6/15/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Los Niños Elementary	2011071340	Beryllium	6/16/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011071341	Beryllium	6/17/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011071342	Beryllium	6/18/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011071343	Beryllium	6/19/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011071344	Beryllium	6/21/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Los Niños Elementary	2011071345	Beryllium	6/22/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011071346	Beryllium	6/23/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011071347	Beryllium	6/24/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011071348	Beryllium	6/25/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011071349	Beryllium	6/26/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011071350	Beryllium	6/26/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011071351	Beryllium	6/27/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Los Niños Elementary	2011071352	Beryllium	6/28/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011071353	Beryllium	6/29/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011071354	Beryllium	6/30/2011	IO-3.4	8/3/2011	<	0.225	ng/m ³	<0.225	



MEMORANDUM

Pima County Department of Environmental Quality

DATE: 9/26/2011

TO: Alex Gallego
Executive Director of Facilities

FROM: Beth Gorman
Program Manager

RE: Pima County DEQ Beryllium Monitoring Report July 2011

Attached is the Pima County Department of Environmental Quality's (PDEQ) Air Monitoring Division Beryllium Monitoring Network Beryllium analysis report for July 2011.

Highlights:

- 36 samples collected resulting in 22 valid and 14 invalid samples (61.1% data recovery). EPA requires monitoring data recovery at 75%. Low data recovery was due to SUSD personnel not changing the filters when scheduled.
- No beryllium values were detected over the Practical Quantitation Level (PQL).
- The PQL was updated from 0.265 to 0.225 to reflect the lowest standard used in the analysis.
- PDEQ and SUSD staff are continuing to employ stringent monitoring protocols to ensure quality data is being collected properly to better protect public health.

Attachment

Cc: Ursula Kramer, Pima County Department of Environmental Quality Director
Richard Grimaldi, Pima County Department of Environmental Deputy Director

Pima County Regional Wastewater Reclamation Department
 Compliance and Regulatory Affairs Office
 7101 N. Casa Grande Highway

Sample Location	Sample ID	Parameter	Sample Date	Analysis Method	Analysis Date		Final Value	Units	PQL	Data Qualifier(s)
Sunnyside H.S.	2011081607	Beryllium	7/1/2011	IO-3.4	9/1/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011081610	Beryllium	7/2/2011	IO-3.4	9/1/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011081609	Beryllium	7/2/2011	IO-3.4	9/1/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011081612	Beryllium	7/3/2011	IO-3.4	9/1/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011081615	Beryllium	7/6/2011	IO-3.4	9/1/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011081618	Beryllium	7/7/2011	IO-3.4	9/1/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011081624	Beryllium	7/8/2011	IO-3.4	9/1/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011081621	Beryllium	7/8/2011	IO-3.4	9/1/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011081625	Beryllium	7/9/2011	IO-3.4	9/1/2011	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2011081626	Beryllium	7/10/2011	IO-3.4	9/1/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011081608	Beryllium	7/11/2011	IO-3.4	9/1/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011081611	Beryllium	7/12/2011	IO-3.4	9/1/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011081613	Beryllium	7/13/2011	IO-3.4	9/1/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011081616	Beryllium	7/14/2011	IO-3.4	9/1/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011081614	Beryllium	7/14/2011	IO-3.4	9/1/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011081617	Beryllium	7/15/2011	IO-3.4	9/1/2011	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2011081619	Beryllium	7/16/2011	IO-3.4	9/1/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011081620	Beryllium	7/17/2011	IO-3.4	9/1/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011081622	Beryllium	7/18/2011	IO-3.4	9/1/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011081623	Beryllium	7/24/2011	IO-3.4	9/1/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011081627	Beryllium	7/30/2011	IO-3.4	9/1/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011081628	Beryllium	7/31/2011	IO-3.4	9/1/2011	<	0.225	ng/m ³	<0.225	



MEMORANDUM

Pima County Department of Environmental Quality

DATE: 11/8/2011

TO: Alex Gallego
Executive Director of Facilities

FROM: Beth Gorman
Program Manager

RE: Pima County DEQ Beryllium Monitoring Report August 2011

Attached is the Pima County Department of Environmental Quality's (PDEQ) Air Monitoring Division Beryllium Monitoring Network Beryllium analysis report for August 2011.

Highlights:

- 37 samples collected resulting in 37 valid and 0 invalid samples (100 % data recovery). EPA requires monitoring data recovery at 75%.
- No beryllium values were detected over the Practical Quantitation Level (PQL).
- The PQL was updated from 0.265 to 0.225 to reflect the lowest standard used in the analysis.
- PDEQ and SUSD staff are continuing to employ stringent monitoring protocols to ensure quality data is being collected properly to better protect public health.

Attachment

Cc: Ursula Kramer, Pima County Department of Environmental Quality Director
Richard Grimaldi, Pima County Department of Environmental Deputy Director

Pima County Regional Wastewater Reclamation Department
 Compliance and Regulatory Affairs Office
 7101 N. Casa Grande Highway

Sample Location	Sample ID	Parameter	Sample Date	Analysis Method	Analysis Date		Final Value	Units	PQL	Data Qualifier(s)
Ocotillo Elementary #1	2011100585	Beryllium	8/1/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011100586	Beryllium	8/1/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011100587	Beryllium	8/2/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2011100588	Beryllium	8/3/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011100589	Beryllium	8/4/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011100590	Beryllium	8/5/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011100591	Beryllium	8/6/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011100592	Beryllium	8/7/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011100593	Beryllium	8/7/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011100594	Beryllium	8/8/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2011100595	Beryllium	8/9/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011100596	Beryllium	8/10/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011100597	Beryllium	8/11/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011100598	Beryllium	8/12/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011100599	Beryllium	8/13/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011100600	Beryllium	8/13/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011100601	Beryllium	8/14/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2011100602	Beryllium	8/15/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011100603	Beryllium	8/16/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011100604	Beryllium	8/17/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011100605	Beryllium	8/18/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011100606	Beryllium	8/19/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011100607	Beryllium	8/19/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011100608	Beryllium	8/20/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2011100609	Beryllium	8/21/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011100610	Beryllium	5/22/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011100611	Beryllium	8/23/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011100612	Beryllium	8/24/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011100613	Beryllium	8/25/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011100614	Beryllium	8/25/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011100615	Beryllium	8/26/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2011100616	Beryllium	8/27/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011100617	Beryllium	8/28/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011100618	Beryllium	8/29/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011100619	Beryllium	8/30/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011100620	Beryllium	8/31/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011100621	Beryllium	8/31/2011	IO-3.4	10/14/2011	<	0.225	ng/m ³	<0.225	



MEMORANDUM

Pima County Department of Environmental Quality

DATE: 11/15/2011

TO: Alex Gallego
Executive Director of Facilities

FROM: Beth Gorman
Program Manager

RE: Pima County DEQ Beryllium Monitoring Report September 2011

Attached is the Pima County Department of Environmental Quality's (PDEQ) Air Monitoring Division Beryllium Monitoring Network Beryllium analysis report for September 2011.

Highlights:

- 36 samples collected resulting in 34 valid and 2 invalid samples (94.4% data recovery). EPA requires monitoring data recovery at 75%.
- No beryllium values were detected over the Practical Quantitation Level (PQL).
- PDEQ and SUSD staff are continuing to employ stringent monitoring protocols to ensure quality data is being collected properly to better protect public health.

Attachment

Cc: Ursula Kramer, Pima County Department of Environmental Quality Director
Richard Grimaldi, Pima County Department of Environmental Deputy Director

Pima County Regional Wastewater Reclamation Department
 Compliance and Regulatory Affairs Office
 7101 N. Casa Grande Highway

Sample Location	Sample ID	Parameter	Sample Date	Analysis Method	Analysis Date		Final Value	Units	PQL	Data Qualifier(s)
Los Amigos Elementary	2011101624	Beryllium	9/1/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2011101625	Beryllium	9/2/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011101626	Beryllium	9/3/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011101627	Beryllium	9/4/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011101628	Beryllium	9/5/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011101629	Beryllium	9/6/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011101630	Beryllium	9/6/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011101631	Beryllium	9/7/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2011101632	Beryllium	9/8/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011101633	Beryllium	9/9/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011101634	Beryllium	9/10/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011101635	Beryllium	9/11/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011101636	Beryllium	9/12/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011101637	Beryllium	9/12/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011101638	Beryllium	9/13/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2011101639	Beryllium	9/14/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011101640	Beryllium	9/15/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011101641	Beryllium	9/16/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011101642	Beryllium	9/17/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011101643	Beryllium	9/18/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011101644	Beryllium	9/18/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011101645	Beryllium	9/19/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011101646	Beryllium	9/21/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011101647	Beryllium	9/22/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011101648	Beryllium	9/23/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011101649	Beryllium	9/24/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011101650	Beryllium	9/24/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011101651	Beryllium	9/25/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2011101652	Beryllium	9/26/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011101653	Beryllium	9/27/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011101654	Beryllium	9/28/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011101655	Beryllium	9/30/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011101656	Beryllium	9/30/2011	IO-3.4	11/2/2011	<	0.225	ng/m ³	<0.225	



MEMORANDUM

Pima County Department of Environmental Quality

DATE: 3/2/2012

TO: Alex Gallego
Executive Director of Facilities

FROM: Beth Gorman
Program Manager

RE: Pima County DEQ Beryllium Monitoring Report October 2011

Attached is the Pima County Department of Environmental Quality's (PDEQ) Air Monitoring Division Beryllium Monitoring Network Beryllium analysis report for October 2011.

Highlights:

- 36 samples collected resulting in 35 valid and 1 invalid samples (97.2% data recovery). EPA requires monitoring data recovery at 75%.
- No beryllium values were detected over the Practical Quantitation Level (PQL).
- PDEQ and SUSD staff are continuing to employ stringent monitoring protocols to ensure quality data is being collected properly to better protect public health.

Attachment

Cc: Ursula Kramer, Pima County Department of Environmental Quality Director
Richard Grimaldi, Pima County Department of Environmental Deputy Director

Pima County Regional Wastewater Reclamation Department
 Compliance and Regulatory Affairs Office
 7101 N. Casa Grande Highway

Sample Location	Sample ID	Parameter	Sample Date	Analysis Method	Analysis Date		Final Value	Units	PQL	Data Qualifier(s)
Los Amigos Elementary	2011110619	Beryllium	10/1/2011	IO-3.4	11/15/2011	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2011110620	Beryllium	10/2/2011	IO-3.4	11/15/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011110621	Beryllium	10/3/2011	IO-3.4	11/15/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011110622	Beryllium	10/4/2011	IO-3.4	11/15/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011110623	Beryllium	10/6/2011	IO-3.4	11/15/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011110624	Beryllium	10/6/2011	IO-3.4	11/15/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011110625	Beryllium	10/7/2011	IO-3.4	11/15/2011	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2011110626	Beryllium	10/8/2011	IO-3.4	11/15/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011110627	Beryllium	10/9/2011	IO-3.4	11/15/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011110628	Beryllium	10/10/2011	IO-3.4	11/15/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011110629	Beryllium	10/11/2011	IO-3.4	11/15/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011110630	Beryllium	10/12/2011	IO-3.4	11/15/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011110631	Beryllium	10/12/2011	IO-3.4	11/15/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011110632	Beryllium	10/13/2011	IO-3.4	11/15/2011	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2011110633	Beryllium	10/14/2011	IO-3.4	11/15/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011110634	Beryllium	10/15/2011	IO-3.4	11/15/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011110635	Beryllium	10/16/2011	IO-3.4	11/15/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011110636	Beryllium	10/17/2011	IO-3.4	11/15/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011110637	Beryllium	10/18/2011	IO-3.4	11/16/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011110638	Beryllium	10/18/2011	IO-3.4	11/16/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011110639	Beryllium	10/19/2011	IO-3.4	11/16/2011	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2011110640	Beryllium	10/20/2011	IO-3.4	11/16/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011110641	Beryllium	10/21/2011	IO-3.4	11/16/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011110642	Beryllium	10/22/2011	IO-3.4	11/16/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011110643	Beryllium	10/23/2011	IO-3.4	11/16/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011110644	Beryllium	10/24/2011	IO-3.4	11/16/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011110645	Beryllium	10/24/2011	IO-3.4	11/16/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011110646	Beryllium	10/25/2011	IO-3.4	11/16/2011	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2011110647	Beryllium	10/26/2011	IO-3.4	11/16/2011	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2011110648	Beryllium	10/27/2011	IO-3.4	11/16/2011	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2011110649	Beryllium	10/28/2011	IO-3.4	11/16/2011	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2011110650	Beryllium	10/29/2011	IO-3.4	11/16/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2011110651	Beryllium	10/30/2011	IO-3.4	11/16/2011	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2011110652	Beryllium	10/30/2011	IO-3.4	11/16/2011	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2011110653	Beryllium	10/31/2011	IO-3.4	11/16/2011	<	0.225	ng/m ³	<0.225	



MEMORANDUM

Pima County Department of Environmental Quality

DATE: 3/2/2012

TO: Alex Gallego
Executive Director of Facilities

FROM: Beth Gorman
Program Manager

RE: Pima County DEQ Beryllium Monitoring Report November 2011

Attached is the Pima County Department of Environmental Quality's (PDEQ) Air Monitoring Division Beryllium Monitoring Network Beryllium analysis report for November 2011.

Highlights:

- 35 samples collected resulting in 27 valid and 8 invalid samples (77.1% data recovery). EPA requires monitoring data recovery at 75%.
- No beryllium values were detected over the Practical Quantitation Level (PQL).
- PDEQ and SUSD staff are continuing to employ stringent monitoring protocols to ensure quality data is being collected properly to better protect public health.

Attachment

Cc: Ursula Kramer, Pima County Department of Environmental Quality Director
Richard Grimaldi, Pima County Department of Environmental Deputy Director

Pima County Regional Wastewater Reclamation Department
 Compliance and Regulatory Affairs Office
 3035 W. El Camino del Cerro

Sample Location	Sample ID	Parameter	Sample Date	Analysis Method	Analysis Date		Final Value	Units	PQL	Data Qualifier(s)
Sunnyside H.S.	2012010257	Beryllium	11/4/2011	IO-3.4	2/17/2012	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2012010258	Beryllium	11/5/2011	IO-3.4	2/17/2012	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2012010259	Beryllium	11/5/2011	IO-3.4	2/17/2012	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2012010260	Beryllium	11/6/2011	IO-3.4	2/17/2012	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2012010261	Beryllium	11/7/2011	IO-3.4	2/17/2012	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2012010262	Beryllium	11/9/2011	IO-3.4	2/17/2012	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2012010263	Beryllium	11/10/2011	IO-3.4	2/17/2012	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2012010264	Beryllium	11/11/2011	IO-3.4	2/17/2012	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2012010265	Beryllium	11/11/2011	IO-3.4	2/17/2012	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2012010266	Beryllium	11/12/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2012010267	Beryllium	11/13/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2012010268	Beryllium	11/14/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2012010269	Beryllium	11/17/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2012010270	Beryllium	11/17/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2012010271	Beryllium	11/18/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2012010272	Beryllium	11/19/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2012010273	Beryllium	11/20/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2012010274	Beryllium	11/21/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2012010275	Beryllium	11/23/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2012010276	Beryllium	11/23/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2012010277	Beryllium	11/24/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2012010278	Beryllium	11/25/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2012010279	Beryllium	11/26/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2012010280	Beryllium	11/27/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2012010281	Beryllium	11/29/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2012010282	Beryllium	11/29/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2012010283	Beryllium	11/30/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	



MEMORANDUM

Pima County Department of Environmental Quality

DATE: 4/4/2012

TO: Alex Gallego
Executive Director of Facilities

FROM: Beth Gorman
Program Manager

RE: Pima County DEQ Beryllium Monitoring Report December 2011

Attached is the Pima County Department of Environmental Quality's (PDEQ) Air Monitoring Division Beryllium Monitoring Network Beryllium analysis report for December 2011.

Highlights:

- 36 samples collected resulting in 32 valid and 4 invalid samples (88.8% data recovery). EPA requires monitoring data recovery at 75%.
- No beryllium values were detected over the Practical Quantitation Level (PQL).
- PDEQ and SUSD staff are continuing to employ stringent monitoring protocols to ensure quality data is being collected properly to better protect public health.

Attachment

Cc: Ursula Kramer, Pima County Department of Environmental Quality Director
Richard Grimaldi, Pima County Department of Environmental Deputy Director

Pima County Regional Wastewater Reclamation Department
 Compliance and Regulatory Affairs Office
 7101 N. Casa Grande Highway

Sample Location	Sample ID	Parameter	Sample Date	Analysis Method	Analysis Date		Final Value	Units	PQL	Data Qualifier(s)
Los Ninos Elementary	2012011394	Beryllium	12/1/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2012011395	Beryllium	12/2/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2012011396	Beryllium	12/3/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2012011397	Beryllium	12/4/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2012011398	Beryllium	12/5/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2012011399	Beryllium	12/5/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2012011400	Beryllium	12/6/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2012011401	Beryllium	12/9/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2012011402	Beryllium	12/10/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2012011403	Beryllium	12/11/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2012011404	Beryllium	12/11/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2012011405	Beryllium	12/12/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2012011406	Beryllium	12/13/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2012011407	Beryllium	12/16/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2012011408	Beryllium	12/17/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2012011409	Beryllium	12/17/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2012011410	Beryllium	12/18/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2012011411	Beryllium	12/19/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2012011412	Beryllium	12/20/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2012011413	Beryllium	12/21/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2012011414	Beryllium	12/22/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2012011415	Beryllium	12/23/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2012011416	Beryllium	12/23/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2012011417	Beryllium	12/24/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2012011418	Beryllium	12/25/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Chaparral M.S.	2012011419	Beryllium	12/26/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Transportation Bldg.	2012011420	Beryllium	12/27/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Sunnyside H.S.	2012011421	Beryllium	12/28/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #1	2012011422	Beryllium	12/29/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Ocotillo Elementary #2	2012011423	Beryllium	12/29/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Los Amigos Elementary	2012011424	Beryllium	12/30/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	
Los Ninos Elementary	2012011425	Beryllium	12/31/2011	IO-3.4	2/23/2012	<	0.225	ng/m ³	<0.225	